

Spartan Daily

Volume 75, Number 35

Serving the San Jose State Community Since 1934

Monday, October 20, 1980

Tenured profs file grievance over Home Ec termination

by Sandy Kleffman

In response to what may be the first layoff of tenured faculty at SJSU, five home economics professors filed a grievance against the university Sept. 21 opposing SJSU President Gail Fullerton's decision to terminate the program.

"This is the most important grievance in the school's history," said Geoffrey Tootell, professor of sociology and chairman of the United Professors of California (UPC) grievance committee.

"It is a case which will set a precedent not only for SJSU but for the entire faculty system," he said.

Faculty who filed were Prof. Chungsoon Kim, associate professors Barbara Christensen, Vaunden Nelson and Margaret Gylling, and assistant professor Laah Whiting.

In a June 5 letter to California State University and Colleges system Chancellor Glenn Dumke, Fullerton recommended the phasing

out of both the M.A. and B.A. in home economics and the dropping of the department's minor.

Dumke approved the recommendation and the program is scheduled to terminate at the end of the 1980-81 school year. Layoff notices were sent to the faculty in June.

A date will then be set for the hearing. The faculty requested an open hearing.

Representatives of UPC, the Congress of Faculty Associations (CFA) and the home economics professors plan to meet with a labor attorney Monday to discuss the grievance.

Both UPC and CFA will be

it can happen to them too.

"If the administration can terminate the Home Economics Department in this manner, it can terminate any department in the same way," he added.

Christensen said the administration has implied that the number of graduates who obtain jobs in the major is low and therefore the program is not viable.

"We have a lot of older women in the program," she said. "Many only want part-time employment or they are majoring in these areas to have job insurance for the future."

"I thought we were supposed to give people an education," Tootell said. "I didn't know this was a vocational school."

Fullerton said in her letter to Dumke "the changes necessary to revitalize home economics and achieve accreditation would be costly and the results uncertain."

"Fullerton capriciously made a decision without taking into consideration the needs of the people who work in the department and the students," said Wiggsey Sivertsen, president of UPC.

It will be argued that Fullerton acted in disagreement with faculty recommendations, according to Tootell.

He referred to the curriculum committee of the School of Applied Arts and Sciences, the university undergraduate studies committee and curriculum committee of the Academic Senate which recommended against the termination of the B.A. in home economics.

Gylling, Nelson and Whiting have taught for more than 20 years at SJSU. Kim and Christensen have taught for more than 10 years.

Assistant professor Marianne Elliot, the sixth member of the department, did not file a grievance.

This is the most important grievance in the school's history

The grievance notice filed did not contain specific information about the alleged wrong. Faculty members will file a supplemental notice on Oct. 27 which will contain detailed information and will state whether they will be represented by an attorney.

requesting donations from other faculty members to help with this case, according to Tootell and Gordon Shadwick, field director for CFA.

"Program layoffs can happen to anybody," Tootell said. "Other faculty members need to understand

New system to turn profit

Plant conversion studied

by Mark Cursi

A university study is now underway to determine the practicality of changing the campus central plant, which provides building heating and cooling, into a money-making electrical plant as well.

Currently, the university purchases all of its electrical power from PG & E. The new system, according to Carl Martineau, a mechanical engineer conducting the study, would provide 70 to 80 percent of the university's electrical needs.

Because of the electricity producing capability of the proposed system, the university could actually sell excess electricity to PG & E at a profit, according to S.M. Choudhuri, energy management engineer for the California State University and Colleges (CSUC) system.

The new system under study, known as cogeneration, would involve the use of two gas turbines driving a generator for electrical power. The exhaust gas from the turbine would then be piped into a boiler and back into the steam mains for either heating or cooling.

Choudhuri estimated the entire cost of the project at \$4 million but Martineau said the cost would be about half the figure depending on the type of equipment used.

The current heating system in the central plant consists of four boilers, the newest one installed in 1961. "They're no young chickens," said Don Skyberg, chief engineer of Plant Operations. Skyberg said the other three boilers were installed in the 1950s.

The current system operates satisfactorily, according to Skyberg. He said the current system involves pumping water into the boilers, which then produce steam. The steam is sent through underground pipes to each building on campus, where the steam heats waterpipes.

Martineau said the old boilers would be kept as a back-up system for the new heating mechanism. He estimated the system could save as much as a third of the heat wasted by the current system or nearly 300,000 gallons of oil a year.

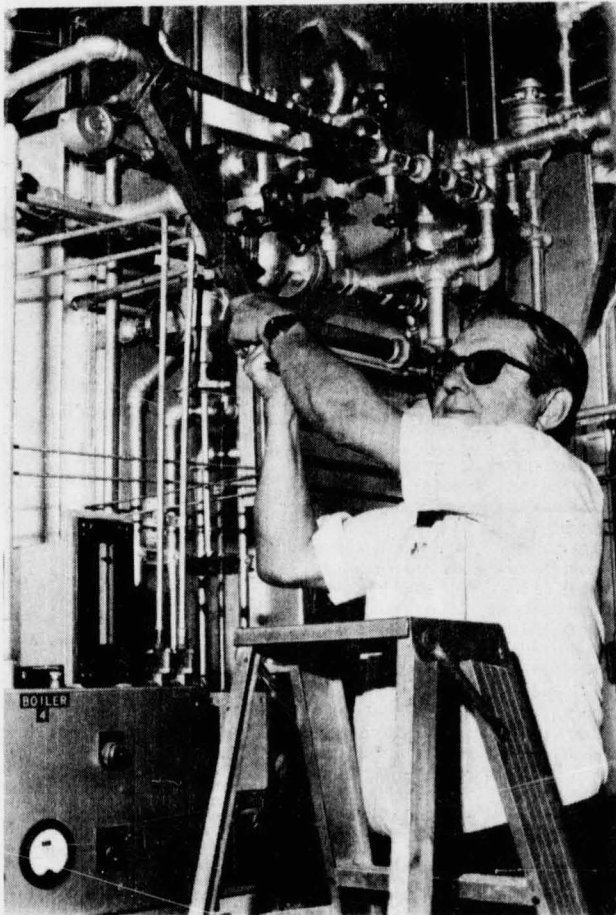
Martineau went on to say the system would re-use 86 percent of the heat it produces compared to an average of 33 percent for the current system.

Choudhuri said the SJSU study is only one of a planned system-wide changeover to the new system.

"The first plant is being designed now for San Diego State," he said. "Construction should begin July of next year."

Choudhuri said the first opportunity SJSU would have to obtain funds for the actual projects is 1982-83.

Studies have been completed at the California State University at Northridge and California Polytechnic State University at San Luis Obispo, according to Choudhuri.



Don Skyberg works on a steam turbine set to be replaced.

SJSU School of Social Work given grants to study single mother families

by Mary Apanasewicz

As the divorce rate continues to rise, single mother households are becoming a new and growing minority in America, according to Diane Schaffer, assistant professor in the School of Social Work.

Schaffer and assistant professor Roland Wagner from the School of Social Work were awarded two grants totaling \$214,450 from the National Institute of Mental Health to research this relatively new lifestyle.

The first grant, for \$102,112, was awarded in September 1979 for two pilot studies that focused on the different ways Mexican-American and Anglo-Saxon single mothers use formal and informal support groups to help solve their social and economic problems.

The pilot studies showed that Anglo-Saxon single mothers tended to use formal services (day-care centers), while the Mexican-American mothers relied more heavily on informal help (families and friends).

In a 1979 interview with Campus Digest, Wagner attributed this difference to the fact that the Chicano women usually have a stronger extended family (relatives) than the more mobile Anglo mothers.

The second grant, awarded in April 1980 for \$112,340, is for continued research into the phenomenon.

The target groups in this study are low-income mothers and mothers of Mexican-American heritage.

The goal of the project is to learn why these women use the support groups they do and to provide information that can be used to improve social services to single mothers.

"It is important to realize that in the literature available, the single mother, particularly the Mexican-American single mother, doesn't exist," Schaffer said. "We know virtually nothing about her."

The literature available now is stereotypical, Schaffer said.

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Afternoon 'Toons'

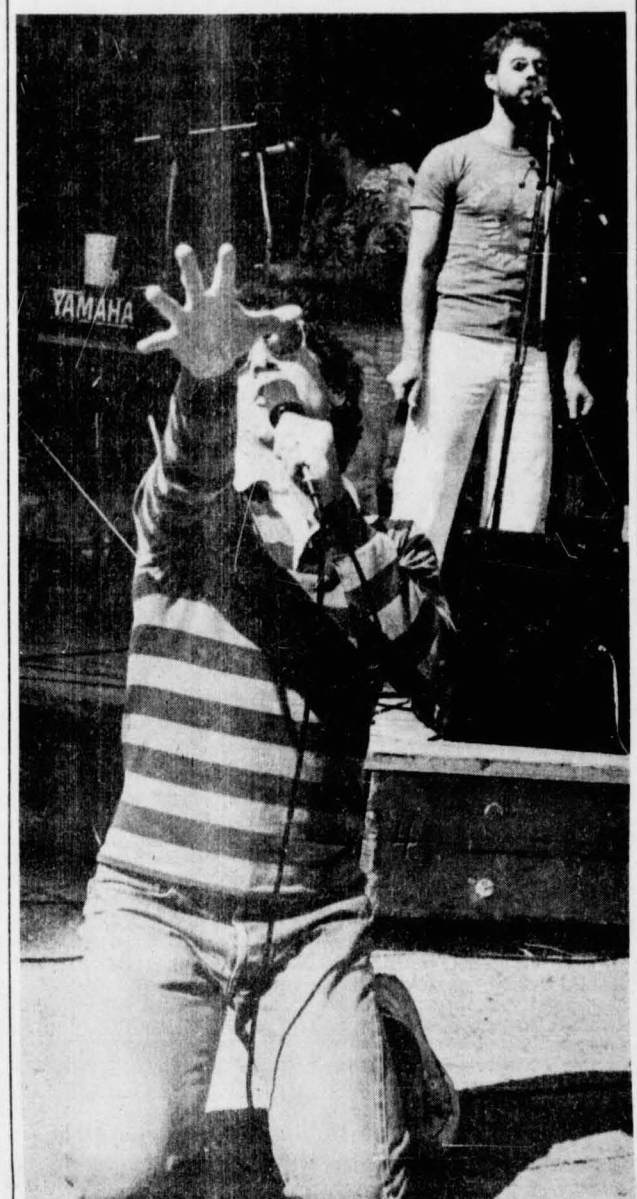


photo by Ramone Espanol

Sporting a variety of eyewear styles, Parker Lee (foreground) and the Toons entertained passersby during a Friday afternoon songfest at the Student Union Amphitheater.

Push for council's support

Downtown corporation fund improvement drive

by Mary Washburn

A corporation of downtown business interests is funding a campaign to draw support from the City Council for improved safety, appearance and structures in and around campus.

Sponsored by the Downtown Development Corporation, the Downtown Improvement Campaign has sent letters to business and property owners in the area asking them to send back letters in support of the program.

The three-pronged program calls for funding of a "continuous,

active police presence," cleanup and continued maintenance and "rigorous enforcement of health, beverage and property codes in the downtown."

The organization plans to "go before the City Council in about two months and show by letters and whatever series of actions we take not only how concerned we are but that we feel this thing could be overcome," said Russ Campbell, executive director of the corporation.

Aside from the direct mailing, Campbell said, posters and petitions

will be circulated.

The campaign was begun about a month ago, according to Susan Starbird, who was hired by the corporation as campaign coordinator.

She recently spoke to several campus groups, including the Alumni Association, Community Relations, Concerned University Employees and Students, the Associated Students Board and radio station KSJS, she said, asking for their support of the plan.

Starbird estimates the group will receive "at least 2,000" letters in support of the program.

"We haven't started to get a sizeable return yet," she said, since the letters asking for support were mailed less than two weeks ago.

"It comes down to money in the final analysis," Campbell said. The campaign seeks to obtain funding from the council for its program because it is "the highest priority to get that place to look better, be more secure and get prostitution under control," he said.

"People won't want to be in the downtown unless the atmosphere in general is cleaned up," Starbird concurred.

The cost of Starbird's salary and the direct mailing effort is running into the "thousands of dollars," Campbell said, but would not specify the exact amount spent by his private corporation.

The corporation gets most of its funds from contributions and membership fees, Campbell said.

According to Starbird, "some buildings in the downtown aren't properly constructed." Concerning code enforcement, she said, there is "greater attention (given) to some businesses and neglect of others."

Campbell said there needs to be "a stronger police force and presence" in the downtown and that now there are "not enough officers available."



photo by Thomas Ovalle

Diane Schaffer studies Chicano women's needs.

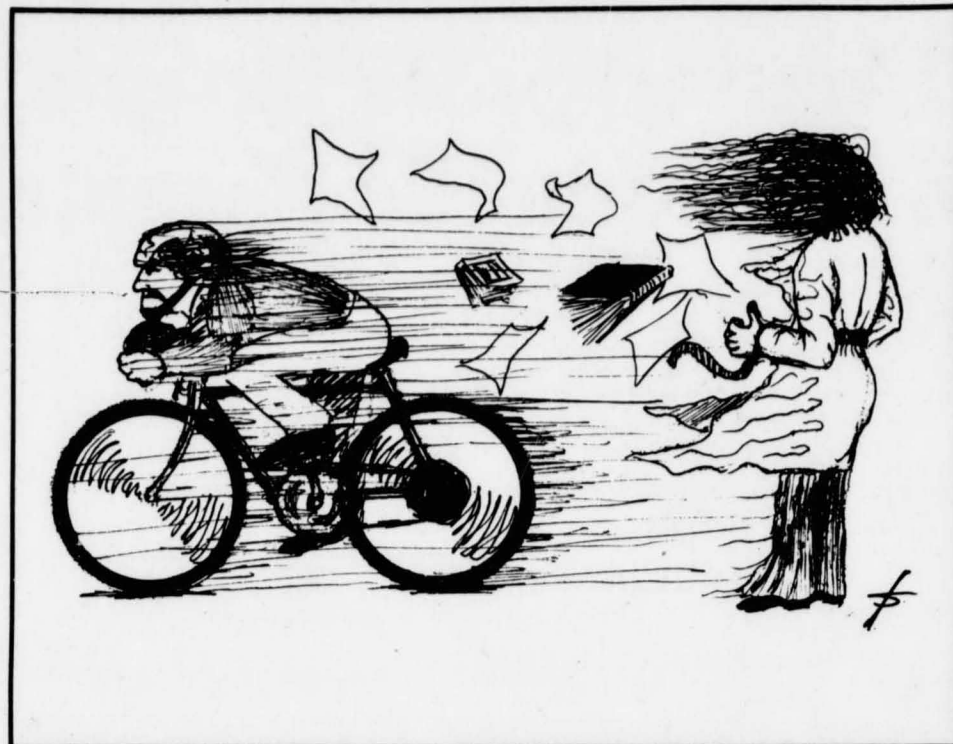
'Two-wheeled terrorists' endanger students

by Tom Mays
Staff Writer

The next time a bicyclist rides within two feet of me on campus, I'm going to stick my arm out like a clothes line and knock her/him over. Well, perhaps I'll just holler obscenities in the rider's general direction or use telekinesis and cause a double blow out. It is irritating to scramble from two-wheeled terrorists. When they scream "To the right!", I usually turn around to find a 10-speed wheel

trouble to the unsuspecting student. Spiked pedals can bloody shins and ruin pants. An attack from the rear can hoist students from the ground, causing them to lose their equilibrium and fall on the spinning wheel; an attack from the side can mangle barefoot toes and leave the tire marks on white tennis shoes and nurse's shoes. Also, a brush with a cyclist can send textbooks flying and cause two innocent walkers to collide violently. Students have enough to worry

close proximity to one another — from 10th to Fourth streets — and a bicycle is not necessary to make it to class on time. SJSU cyclists also treat class journeys like downhill skiers treat a slalom race. Walking students aren't rubbery flag poles in an obstacle course. They scream when they get hit. Cyclists aren't allowed to pedal on city sidewalks, according to San Jose Municipal Court. They shouldn't be allowed to peddle amidst hundreds of walking students either. Perhaps there is a solution. If apprehended, offending cyclists should have their bikes tied to their backs with a rope. If that seems too harsh, then offenders should be reminded by University Police to curb their vehicles, or face a penalty like children face in some cities when they violate society with their bikes: write a 500 word essay to a juvenile court judge on the merits of traffic safety.



'... offending cyclists should have their bikes tied to their backs ...'

stuck between my legs and a colorfully taped handlebar jutting into my groin. When it's raining, and pedestrians think they're safe under massive umbrellas, a bicycle enthusiast will speed by, splash through an enormous puddle and ruin their entire day. Cyclists can cause further

about when they attend school. A walk to class should be a time for pleasant meditation, not a time to constantly flinch from the sounds of clanking bicycle chains in the distance. Furthermore, SJSU cyclists are lazy. The various schools and departments of SJSU are situated in

Employers shouldn't force polygraph tests on applicants

by Sandy Kleffman
Staff Writer

Have you wondered what would happen if you failed a lie detector test and you were telling the truth? How would you convince anyone it was the machine that was lying? As national crime rates increase, more and more businesses are screening possibly dishonest job applicants with polygraph tests. Studies now indicate 20 percent of American companies are using lie detectors.

Use is particularly high among fast-food chains and 24-hour food stores, which have a large employee turnover rate and an increase in embezzlement.

The problem is lie detectors only measure body responses under stress and not whether a person is telling the truth, according to Claude Fernandez, president of the United Food and Commercial Workers' Union, local 428.

Such testing is unreliable. Companies should be banned from requiring lie detector tests as a prerequisite for employment.

The polygraph has a wire hookup to a graph that measures respiration, blood pressure, pulse and skin reaction. Voice variance and modulation are also analyzed.

A very nervous person can register agitated responses indicating a lie when the truth is being told, Fernandez said.

He said he bases his opinion on

research conducted by the AFL-CIO. "They are only as reliable as the operator," Fernandez said. All tests involve the subjective opinion of a test operator who may or may not make a correct judgement.

Many of the job applicants tested are young and nervous about the test. This makes them especially vulnerable to adverse stress reactions and subsequent "questionable" readings.

According to a report by Rep. Don Edwards (D-San Jose), more

Committee on Education and Labor. No hearing has been held.

A Senate bill to ban lie detector testing has been introduced by Sen. Birch Bayh (D-Ind.).

California, along with 18 other states, has already banned the tests. Edwards' bill should be supported. It guarantees an individual's right to refuse a polygraph test by making it illegal for an employer to deny a job or promotion because of such refusal. Individuals who violate the law would be fined a maximum of \$1,000

A very nervous person can register agitated responses indicating a lie when the truth is being told.

than 500,000 employees per year are subjected to "take-it-or-leave-it" attitudes when lie detector tests are discussed.

These people are given no choice in the matter if they wish to be considered for employment or remain in employment.

Companies should use more accurate methods such as background checks and in-depth interviews of potential employees.

Edwards has introduced a bill to ban lie detector testing for all employees. It has been referred to the

or sentenced to a year in prison, or both.

In addition, they would be subject to a maximum civil penalty of \$10,000 which would be paid to the government.

The employee or applicant could bring a civil suit against the company and recover damages.

The AFL-CIO supports such legislation, Fernandez said.

Lie detector tests are inaccurate and inconclusive. People should have the right to refuse them without penalty.

letters

Police officers are human too

Editor:

If we are to believe Wiggsey Sivertsen and Nancy McFadden, it would seem we must reconsider the nature of police officers — they are not human. Sivertsen said, according to the Spartan Daily, that people do not feel comfortable talking with officers. What kind of people feel uneasy, I wonder?

Sivertsen should speak for herself and not SJSU students. Her biases are too obvious. Nancy McFadden is quoted as saying, we need a "warm personality with the ability to put a comprehensive educational program together." I agree with Nancy. I guess, for Sivertsen, police are cold, cruel beasts.

Actually police go through a training program probably more rigorous and selective than any other on campus (with the possible exception of the Education Department). I have talked with a few of them. If Sivertsen and others would do that, they would find officers are human beings with minds, hearts and good spirits. How many other people risk their own lives on a daily basis for other people?

If you can't communicate with police, then why worry about crime at all — nothing can be done about it. No one else is adequately trained to handle it. Not the Recreation Department (committee three is probably contributing to the problem with their prurient flyers — "does yours sag?"); not the Iranians — they apparently haven't discovered laws yet, and certainly not strong arm revolutionaries with their lynch-mob mentality.

The police are here for us, and they are as useful as we allow them to be.

Georgianna Trevor
Education, sophomore

what little they had with others who were poor. A number of religious orders of various world faiths keep vows of poverty.

It is not religion that needs economics, but economics which needs religion. Without religion, what would direct our handling of resources and wealth? All that would be left would be selfishness.

Religion directs us to give "of our substance" to God or to our fellow man (again, depending on the perspective of the leaders).

Dale Milne
History, Graduate student

the point that he sees communism as a close ally of Islam. This mistake is costing Iran thousands of lives and years of economic growth and political democratization.

Ardavan Ahmadian
Mechanical Engineering,
junior

Facts omitted on terrorism

Editor:

An important fact omitted from John Minnis's article on Dr. Shabtaï's terrorism lecture was the role played by the Russian KGB. While the KGB actively infiltrates various terrorist organizations and uses them for their own ends, the U.S. intelligence agencies from the CIA down to the FBI have been emasculated. Without an effective intelligence agency, we are constantly caught off guard and ignorant of others' plans for us.

Also omitted was the salary range of terrorist leaders — approximately \$20,000 to \$50,000 a month for the effective ones. An important question seldom considered is, "Who pays them?"

Dr. Shabtaï's solutions to terrorism were: never giving in to terrorists' demands, lest their terrorism increases; forming a multi-national counter-terrorist force and not publicizing their media hunting orchestrations. We should not, in our need for order, trade in democracy.

David Cobennas
Pre-law, sophomore

Crime column suggested

Editor:

It was unanimously recommended that our committee request the two campus newspapers to begin publication of a weekly "crime-stop" column. The purpose will be to provide information for those who teach, work and study here in order that they may better protect themselves.

The UCLA campus newspaper, the "Daily Bruin," regularly runs a list of recent crime reports occurring on campus and its vicinity. Reporters have access to the case list of campus police. Suspect descriptions, times and locations appear in the newspaper regularly in an abbreviated format.

We are sure Spartan Daily is deeply concerned with the personal security of everyone within our campus community. Thus, we strongly urge you to begin publication of a similar column as soon as possible.

Thanking you in advance on behalf of the CUES Committee,
Martha O'Connell
New College

Susan Price
Studies in
American Language

Churches not profit-oriented

Editor:

I agree with Rob Scott ("Dividing church state unrealistic," Oct. 14) that it is impossible to divide political practice from some guiding moral philosophy. American politics have traditionally been based on Christianity mixed with a little bit of simple humanism. (Under Carter, of course, it has become ambiguity mixed with political convenience.)

I disagree, however, with his statement that "... the church ... must survive economically ... it is committed to maintain a facade in order to make a profit."

First of all, human institutions depend on people. Thus, whether or not a particular church is profit-motivated depends to some extent on the people leading it.

Secondly, no church really needs an "economic" existence, as I understand Mr. Scott's use of the word. Early Christian missionaries, and Jesus himself, barely kept themselves alive. They even shared

Khomeini makes costly mistake

Editor:

The course which Khomeini is now leading Iran down appears even more oppressive and dark than the evils suffered under the shah. Islam has traditionally seen itself as the middle and proper ground, set apart by divine providence from the capitalist West and the communist half of the world. But now, under Khomeini's leadership (or lack of it), Iran becomes involved in border clashes with her Islamic neighbors, seemingly content to let the Soviet Union conquer other Islamic neighbors — now Afghanistan, soon Pakistan.

Khomeini has also become quick to recognize communist and pro-communist regimes, such as the so-called "Saharan Arab Democratic Republic." It would seem that his hatred for the shah, and all things Western, has befogged his mind to



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Chip gets flipped



Students got a chance to flip a chip of their choice at the "Flip a Chip" contest held by the SJSU recreation students on Wednesday afternoon.

photo by JoAnn Uhelszki

Natural meadow pies fly at cow chip flip contest

by Holly Allen

"Come and flip a cow chip" rang out on Seventh Street Thursday as SJSU recreation students presented their project for a programming class.

Students were to take the cow chip of their choice and flip for accuracy towards a target approximately 40 feet away.

Perry Bradford Wilson, film/broadcasting student, took first place in the contest.

Wilson will receive a cowboy hat and two racquetball racquets for his prize.

According to recreation student Scott Strotman, cow chip flipping is a national sport.

"Usually it is done for distance, but we were limited for space," Strotman said.

According to Strotman, in the pioneer days when cow chips were used for fuel, workers would throw them from wagon to wagon for recreation.

In 1965 cow chip flipping became a national sport with the championships in Beaver, Oklahoma.

In 1976, California named Exeter, a town between Bakersfield and Fresno, as the state capitol for cow chip flipping.

Included among the participants was a community relations representative from Governor Jerry Brown's

office, Tim Dayonot.

"I felt that as a part of the bureaucratic duties of the state, I should get involved with local activities such as this. It has been one of my strangest duties for the governor," Dayonot said.

Dayonot said that the chips were lighter than he expected them to be.

According to Strotman, the chips were aged about a month, and then the students went out to San Jose ranch and "hand-picked" them.

Mary Pierce, another recreation student, said "I thought it was gross thinking that you're throwing a cow chip, but it's fun."

Social program aimed at Hispanics

by Mary Apanasewicz

By developing a curriculum for training child-welfare workers, Christine Martinez said she hopes to increase the knowledge of the Chicano-Latino culture and the understanding of the different values and ideals of persons within that culture.

She said she hopes this knowledge will help social workers develop skills that will enable them to work with families to build a better environment for their children.

Martinez received her masters from the SJSU School of Social Work in 1978 and has since worked for the university. She is the project manager in charge of creating a training program for non-Hispanic welfare workers to service their Hispanic clients more effectively. Rodolfo Arevalo in the School of Social Work is the faculty director of the project.

She said the Chicano that do go to college usually go into more lucrative fields like business or engineering because "that's where the money is."

Although professional social workers are being used as the basis for the curriculum development, Martinez said the eventual goal is to incorporate the newly developed curriculum into the School of Social Work.

The project was awarded a regional grant of \$27,108 for one year. The project is scheduled for completion in June 1981.

Martinez said the curriculum will be based on a needs assessment of the trainee population, studies of real cases that the workers deal with and the results of four workshops scheduled from December through June.

The workshops will be on cultural awareness in service development, development of skills for working with families and the development of personal skills such as case consulting and role-playing.

The project also has an advisory board comprised of four representatives of the County Welfare Department, one person from the state training bureau, one practitioner, one person from the child abuse center, two SJSU faculty members, and one SJSU student who is also a part-time social worker.

"The role of the board will be to give us feedback and guidance on the development of the project," Martinez said. "As people who work in social services, they are a

bit more closely involved with the day to day problems."

Martinez said projects like this one will not only benefit the families in need of social services, especially the Spanish-speaking, but the social workers and university people as well.

"Implementing a better curriculum into the school will build the reputation of the school and the university. The more interaction the school has with the community the better," Martinez said.



photo by JoAnn Uhelszki
Program director Christine Martinez

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Unwanted, injured animal receive shelter and food at rehabilitation center

by Michelle Waugh

Some will be released, but many of the patients here will never see home again.

Unfortunately, many animals that are brought to the Wildlife Rehabilitation Center in Alum Rock Park must become living displays because their injuries, almost exclusively man-produced, are too severe for them to be released into the wild.

Others have been raised illegally as pets and are now too tame or so far from their natural habitat that they cannot be released.

"People raise them as pets for a few years, then decide they don't want them and bring them here," said center curator Mary Deroo.

The animals on display appear healthy, but their permanent injuries are a disturbing example of man's effect on the wildlife population.

Princess, a great-horned owl, is the center's oldest resident. "She just celebrated her 26th birthday," Deroo said. Princess was shot in the back of the head and has been blind for 24 years.

Other animals that are now educational displays include burrowing owls

who were plowed up in a field, two hawks whose wings were shot off, and a small bird called a Kestrel, who ran into an airplane propeller.

One great-horned owl looked perfectly healthy, but he was raised as a pet with improper nutrition and "if he tried to hunt an animal, he'd break his legs doing it," Deroo explained.

A chinchilla and a European ferret are also at the center. "People usually buy them illegally out of state," Deroo said. "This isn't their natural habitat, so I can't release them."

Except during an epidemic, like botulism or an oil spill, "We never go out and find animals," Deroo said.

The animals are brought in by private citizens and rangers who find them injured or orphaned all over the valley.

A new patient is checked for disease or serious injury by Deroo or a volunteer veterinarian. If it can be released, the animal receives "rehabilitation" treatment.

"We don't talk to them or touch them and we don't make a lot of noise," Deroo explained. "We just throw the food in there and leave."

Natural foods that would be found in their habitats are fed to the animals, and the lack of human contact helps to keep them wild.

When they're ready for release, the center tries to put them in a place where they have the best chance for survival.

Deroo has been working with exotic animals for six years. She was a keeper and director of public relations and education at the San Jose Zoo for three and one-half years and is now finishing her bachelor's degree in wildlife zoology.

Deroo supervises five staff members who are

work+study students from SJSU.

The Wildlife Rehabilitation Center is part of the Youth Science Institute.

YSI is an educational organization that provides nature and science displays, activities and programs for schools and the community.

The institute receives 25 percent of its funding from the city and county and the rest from private donations.

The institute and wildlife center are open Tuesday through Friday from 9 a.m. to 4:30 p.m. and Saturdays from noon to 4:30 p.m.

Career Decision Making, a two-day, one-unit course offered only on Oct. 24 and 25 this semester, teaches the techniques of choosing a career.

The class will be held Oct. 24 from 4-9 p.m. and Oct. 25 from 8:30 a.m. to 4:00 that afternoon.

There is a \$40 fee. For registration contact the Office of Continuing Education, 277-2182.

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Ruiz intercepted five times; 49ers win 23-21

SJSU loses first league game since 1978

by Jerry McDonald

There were still six seconds left on the clock, but it was already certain that history would be made.

Either Long Beach State All-league kicker Ralph Petrosian would miss the first field goal of his career when a 49er game depended on it, or SJSU would lose its first Pacific Coast Athletic Association game since Oct. 28, 1978.

Petrosian's 31-yard field goal was true, and the Spartans came up 23-21 losers before an announced attendance of 11,725 Saturday night at Spartan Stadium and a national television audience provided by the ESPN cable network.

The loss evened the Spartans overall record at 3-3, while the 49ers sport the same mark. More importantly, Long Beach State is now 2-0 in PCAA play, while SJSU is 1-1, its first loss since the 1978 game with Utah State.

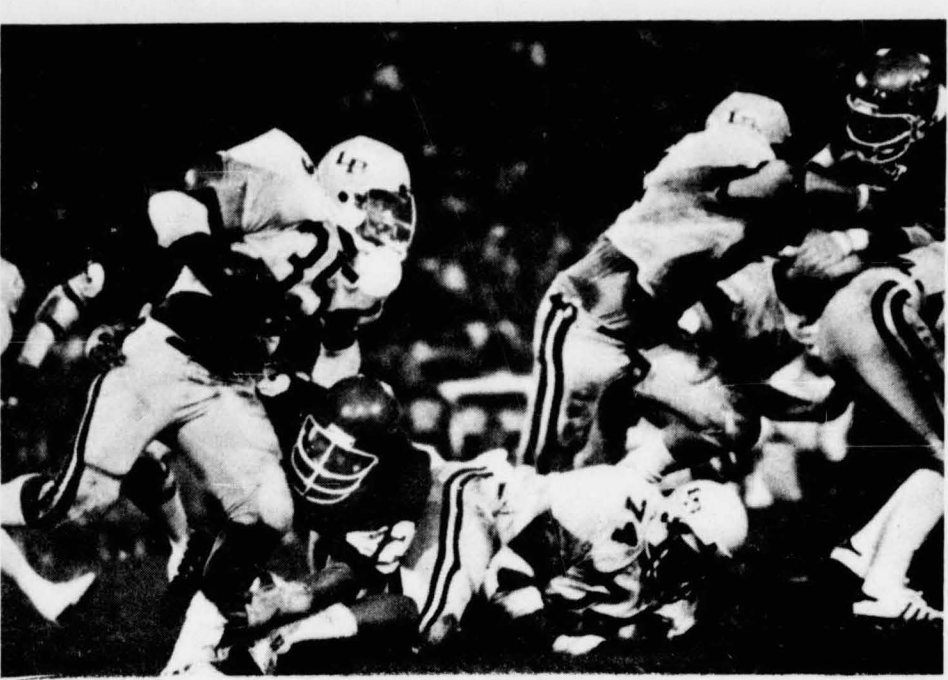
A disturbing performance at quarterback by sophomore Scott Ruiz was pivotal in the outcome.

"I would term it a poor performance at quarterback," Spartan head coach Jack Elway said. "He threw into coverage when receivers weren't there... I considered taking him out."

"If I thought he would continue to play like that I would have," Elway said.

Ruiz completed 14 of 25 passes for 142 yards including a 48 yard bomb to Mark Nichols, but was intercepted five times and had trouble taking snaps from center, fumbling three times.

"I'd say he had problems because of inexperience," 49er head coach Dave Currey said. My quarterback (Kevin Starkey) threw five in-



Long Beach State running back Doug Land (35) is hit by Spartan defensive tackle Rod Traylor (72) during SJSU's 23-21 loss to the 49ers Saturday night.

terceptions in our first game.

The loss for the Spartans put a considerable damper on the better parts of its game, namely the running of Gerald Willhite and the play of the defense.

After winning the opening toss, the 49ers drove from their own 20 to the Spartan 19, but the usually reliable Petrosian missed a field goal try from 37 yards out.

The Spartans responded with an 80-yard scoring drive, culminated in a one yard dive by Willhite. A 32-yard pass from Ruiz to Tracy Franz was the biggest play.

Ruiz' problems started on the next SJSU possession, when 49er

linebacker Bill Mitchell came up with his first of two interceptions.

"We did it when we had to. He (Ruiz) had some problems and it was a combination of that plus the fact that we played a good defensive game," Mitchell said.

Long Beach State couldn't convert the turnover into points however, and found itself behind 14-0 after a 48-yard bomb from Ruiz to Nichols. Nichols can usually count on at least two defenders shadowing him but on this play the nearest 49er was in San Francisco.

"I still have no idea what happened on that play," Mitchell said.

Perseverance paid off for the 49ers on their first

score. After a drive from its 20 to the Spartan 20, 49er quarterback Kevin Starkey hit wide receiver Henry Williams with a touchdown, only to have it called back by an illegal procedure penalty.

Undaunted, Starkey stepped back on the next play and hit the same receiver, Williams, with a scoring pass from 25 yards out to close the 49ers to 14-7 with 6:21 left in the half.

That combination of Starkey to Williams was to haunt the Spartans twice more for scores. Occasionally, using the shotgun formation for the first time this year, Starkey hit 15 of 25 passes for 169 yards and rushed for 76.

"We put the shotgun in to take advantage of his

(Starkey's) talents," Currey said. "This was definitely his best game."

Mitchell's second interception set up the 49ers second score from Starkey to Williams with just 15 seconds left in the half, the three-yard toss evened the score at 14-14.

Who else but the combination of Starkey to Williams gave the Long Beach State a 20-14 lead. This hookup was from 23 yards out and gave the 49ers a 20-14 lead after a missed conversion by Petrosian.

The Spartans responded with a drive mostly courtesy of Willhite. The 78 yard drive was capped by a one-yard Willhite dive and the conversion gave the Spartans the lead 21-20 with



Spartan running back Gerald Willhite (47) rushes for some of his 154 yards in a 23-21 loss to Long Beach State.

6:21 left in the third quarter.

From there, the Spartans played conservative, trying to cling to their one point lead.

The conservative strategy nearly worked.

The SJSU defense stopped with the 49ers on three consecutive possessions. After a Spartan drive faltered with 1:28 left, they were forced to punt and give the 49ers their last chance.

Frank Ratto got off a 45-yard punt that bounced crazily in the air, the kind of kick that punt returners usually let roll dead for

fear of fumbling.

49er returner Louis Leidelmeyer however, chose to try and pick it out of the air and attempt a return, much to the dismay of 49er coaches in the press box, who screamed with terror at the attempt.

Leidelmeyer was quickly pummeled by a host of Spartans. The last one to hit him, Rod Traylor, was whistled for a 15-yard personal foul for a late hit.

This gave Long Beach

State possession on their own 37 instead of the 22.

With the added room in which to work, Starkey instantly hit his old faithful, Williams, for a 45-yard gain to the Spartan 18.

Three plays later, it was up to Petrosian, and a chance to atone for the missed field goal and extra point.

"It was the seventh time he won for us in the last minute," Currey said. "When the game's on the line, he doesn't miss."

Football game statistics

LBS	0	14	6	3	—	23
SJSU	7	7	7	0	—	21
SJSU: Willhite 1 run (Berg kick)						
SJSU: Nichols 48 pass from Ruiz (Berg kick)						
LBS: Williams 26 pass from Starkey (Petrosian kick)						
LBS: Williams 2 pass from Starkey (Petrosian kick)						
LBS: Williams 23 pass from Starkey (kick failed)						
SJSU: Willhite 1 run (Berg kick)						
LBS: Petrosian FG 31						
First Downs	18	14				
by rushing	9	9				
by passing	7	5				
by penalty	2	0				
Net yds off	290	301				
Total plays	73	61				
Yards Rush	121	159				
Rush Attempts	48	36				
Net Yds Pass	169	142				
Att/Comp/Had Int	25/15/2	25/14/5				
Punts/Average	7/41.4	7/38.4				
Return yd.	95	62				
Penalty/Yds	2/11	2/30				
Fumbles/Lost	4/2	3/1				
Rushing						
LBS: Starkey 17-76, Duddridge 14-38, Land 8-18						
SJSU: Willhite 29-154						
Passing (Att/Comp/HI)						
LBS: Starkey 25-15-2, 169 yds, 3 TD						
SJSU: Ruiz 25-14-5, 142 yds, 1 TD						
Receiving						
LBS: Williams 4-94, Johnson 3-34						
SJSU: Willhite 7-25, Franz 3-43, Nichols 1-48						

Women's golf in Sacramento

The SJSU women's golf team tees off this morning at 10 in the one-day tournament at Sacramento's Haggin Oaks golf course.

The 18-hole match between SJSU, Stanford and Sacramento State will be within the NorCal conference.

Stanford is favored to win the tourney, according to Steve Rutledge, SJSU women's sports information director.

Stanford beat SJSU in the NorCal opener last weekend by 28 strokes. Lady Spartans, Teri Preciado (80), Patty Mason (85), Juli Ordonez (88) and Iris Andre (88) took fourth, eighth and tenth places respectively.

The loss of Patty Sheehan to the women's pro-circuit and player Kelli Swank to illness has cost the Lady Spartans two of their top three golfers from last season.

The talent of Juli Simpson-Inkster, SJSU's No. 1 golfer for 1980, should help the Lady Spartans deliver a respectable score for the tourney, Rutledge said.

Poloists drop two more

by Jim Wolfe

SJSU was blown out of the water Friday night, losing to the Fullerton State water polo team, 18-6, at Independence High School pool.

Before the game SJSU coach Mike MacNaMa said that it was doubtful that SJSU would win the game.

The laughs from the handful of people in the audience rang out as the SJSU team was obviously outclassed by the Fullerton State poloists.

"I'm ready to quit, SJSU poloist Lynn Rios said.

Team morale was at a low as they went into the locker room after the game.

SJSU followed Friday's game up with an 18-8 loss to the University of Pacific, Saturday afternoon in Stockton.

Fullerton State played superbly showing a contrast to the stifled offense of the SJSU team.

Fullerton State used the fast break numerous times, blocking SJSU shots and moving five players down the field while SJSU could only manage to swim four men back on defense.

When SJSU had the ball, they usually chose to sit on it passing back and forth waiting for an opening, which usually didn't come.

MacNaMa's one ray of hope for the game was the return of Jim Candelaria. He has been out of action for over a month with a torn shoulder muscle.

Walsh pulls groin, placed on injured list

Former Spartan fullback Jim Walsh has been placed on the injured reserve list by the Seattle Seahawks after suffering a pulled groin muscle.

Walsh was picked up by the Seahawks as a free agent just prior to the start of the season. He had earlier failed in an attempt to hook up with the Dallas Cowboys as a free agent.

Walsh now must sit out the remainder of the season.

Walsh was part of the three man starting Spartan backfield of last season, which produced three NFL players. The remainder of

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From a bird's eye view, Lady Spartan Sandy Zobel prepares to spike as her teammates look on.

Bears maul volleyballers

by Joan Casserly
Associate Sports Editor

It was a Saturday night fiasco for the SJSU women's volleyball team as it lost three straight games to California, 15-9, 15-12, 15-8 at Harmon Gym in Berkeley.

The Lady Spartans' record slips to a disappointing 6-17-1 and 1-3 in the Northern California conference. The victory evens the Bears' league record at 2-2.

This is the third time in the last three games that the SJSU team has dropped three straight games in the best of five series. Both Stanford and the University of Pacific defeated the Lady Spartans the first three games in their two previous matches.

SJSU head coach Marti Brugler said the team obviously was not mentally prepared for Saturday's match.

"They seemed spaced out the whole match," she said. "Mentally, they weren't up to this game."

Even though SJSU lost three straight

last Thursday night to the No. 2 nationally ranked Pacific, the Lady Spartans still played some of their best volleyball of the season.

The team's positive attitude and team unity was evident in the Pacific match. But the Cal match was an entirely different story.

"After the UOP match I thought we were going to play as a unit," Brugler commented, adding that the team went back to the way it performed before.

In the games against Cal the Lady Spartans played "a very non-aggressive match."

Brugler said that the setting for the team was quite good. Rene Fitzgerald and Crystal Jacobs were the starting setters.

However, the SJSU outside hitters, Joyce Sprout, Sandy Zobel and Kim Kayser did not have a good night, according to Brugler.

"There were good sets, but the hitters didn't do anything with them," she said.

Women's hockey team conquers Cal

by Mary Apanasewicz

Chalking its first loss up to experience, the SJSU women's field hockey team came back to take a commanding 5-2 win over California.

The coaches of the Lady Spartans, Leta Walter and Carolyn Lewis, have expounded the philosophy that a team should play for the love of the game and learn from but not dwell on losses.

"The game should be enjoyed, win or lose," Walter said. The members of the SJSU women's field hockey team live that philosophy.

The Lady Spartan players took their 2-1 loss to Chico State last weekend in stride and were out on their home turf Saturday "enjoying" the game with their long-time Berkeley rivals.

"It was an exciting game, especially in terms of scoring," California coach Donna Fong said.

The Lady Spartans' scoring machine had their power turned on for the entire game.

Forward Sue Williams ignited the SJSU offensive attack when she scored in the eighth minute of the match. Teammate Sue Walker, recovering from two sprained ankles, followed five minutes later with a flick that sailed over the defensive line and into the goal.

Cal's Kim Hunter retaliated in the 17th minute of play, scoring one against SJSU. But Lady



photo by Dan Murphy

SJSU goalie Maureen Sullivan blocks an attempted shot on goal by a California player. Kathy Briggs backs up her teammate. The Lady Spartans beat Cal 5-2 Saturday morning at the South Campus field.

Spartan Kim Cowell kept the scoring fuse burning with an assist from forward Charlene Gilroy by scoring off a corner shot.

The first half ended in a 3-2 score after Melissa Merone of Berkeley penetrated the SJSU defense and hit the ball in for a goal.

Two minutes into the second half Pommy MacFarlane, assisted by Walker, fired the ball into the Bears' territory to give SJSU its fourth goal.

Although the Cal defense was able to cut off some of the cross passes by SJSU in mid-field, it could not stop the explosive Lady Spartan offense in the circle.

Forward Jeannie Gilbert flicked the ball into the Bear goal and scored the fifth and final goal of the game for SJSU.

"We were able to make the transition from defense to attack well, but we lacked intensity when pushed into defense," Fong

said. Walter said the biggest advantages SJSU had over Cal were stick work and conditioning.

"It was fun because we were under a lot of pressure and, yet, we were able to play well," Cowell added.

Walter said the total team play of the Lady Spartans has improved.

"The defense was better organized than it has been," Walter said.

Walter also said,

however, that the SJSU team committed too many "unnecessary" fouls. "We have to concentrate more on not fouling as much," she said.

In conference play SJSU now has three wins and one loss, with an overall record (including games outside the league) of 7-1.

"Even after our loss to Chico, we're still the team to beat in the region," Walter said.

classifieds

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Evacuation drills planned

by Judy Larson

Mock disaster evacuations for earthquakes and floods will remove some students from class in the following months.

A newly-formed emergency resource team will stage trial emergency situations after the team is trained, according to Ronald Montgomery, SJSU environmental health and safety officer.

"If people don't practice, they forget," Montgomery said. "It's hard to get people excited about training for something that may never happen."

In the past, specific roles and functions people played during emergencies were not defined, Montgomery said.

Each member of the emergency team has a specific job in emergencies such as floods, earthquakes, fires and nuclear disasters.

A new emergency procedures manual has also been made in a quick-flip form and every staff member should have one, Montgomery said. A manual can be obtained by calling 277-2511 or 277-2122.

"The most important thing during an emergency

is protecting lives - if a building goes, it goes," Montgomery said. "If the building can be saved later, then OK."

Specific jobs of team members are defined in the new manual. They will also be explained by Montgomery and other team members at lectures held to acquaint the staff with the new procedures.

Staff members trained at these lectures are responsible for building evacuations. Serving as building coordinators, these individuals assess the situation, keep the people calm and notify the proper parties to combat the emergency.

"They are our eyes and ears," Montgomery said. "They must know their building and specific problems that could come up in a particular emergency."

A list of these staff members is being made and will be distributed to faculty and staff members to attach to their safety manuals.

The university president serves as the emergency director under the new plan. The president coordinates the overall emergency actions.

Acting as emergency

coordinator, the chief of police makes an assessment of the situation and notifies the authorities needed to handle the emergency.

The director of plant operations is responsible for controlling damages. His primary concerns are lighting, equipment and relocation.

Directing all medical activities would be the

director of the Student Health Center. The director of housing would provide food and housing as needed.

In the face of a disaster, the University Police would set up emergency command posts, Montgomery said. All outside communication with the community would be handled by the director of community relations.

Derby Days help handicapped kids

by Kathy Dutro

During the next few days, students may notice young men ambling to class wearing rather unusually decorated hats.

The young men in the hats may be being stalked by young women, who will endeavor to touch the young men's hats. The men will resist these efforts.

The ritual that has just been described is not some freak perversion or mating ritual. It is merely the 50-year-old fraternity tradition called Derby Days.

Derby Days is not merely an excuse for odd behavior. The true purpose of the event, according to Derby Days chairman

Mark Zamudio, is to raise money for charity.

The event is sponsored by Sigma Chi fraternity, and this year the proceeds are to go to the Life Experience Foundation. The foundation is a group designed to help handicapped children learn to do things for themselves.

According to Zamudio, \$6,000 was raised during the last Derby Days in 1978. He said that this year's goal is \$15,000.

The schedule of events for Derby Days includes:

- A talent show on Tuesday, Oct. 21. The show will begin at 8 p.m. and will be held in Morris Dailey

spartaguide

Students planning to begin fulfilling requirements for a secondary school teaching credential, single subject, should contact the Secondary Education Office immediately.

KSJS Radio Monday through Friday: 24 hours of contemporary music. Newsbreak 91 at 4 and 6 p.m. Asian news at 7:05 p.m. and Mutual News on the hour.

SJSU Theatre Arts Department will hold a preview of "Nash at Nine" at 12:30 p.m. today in the S.U. Amphitheater.

Alpha Lambda Delta will conduct pledging at 7:30 p.m. in the S.U. Montalvo Room. For information, call 227-7673.

Student Nurses Association of California (SNAC) meets at 11 a.m. today on the fourth floor of the Health Building. For information, call 267-7958.

Indian Student Association meets at 12:30 p.m. today in the S.U. Almaden Room. For information, call Prashant Modi at 277-8712.

The Society of Latinos

In Engineering and Science (SOLES) meets at 12:30 p.m. Tuesday in Engineering Building, room 206.

Humanities Club meets at 7 p.m. Tuesday in the S.U. Pacheco Room. For information, call Jerry Cashman at 244-7290.

SJSU graduate students Mohammad Kashef and Suzanne Bonney will give science lectures at 1:30 p.m. Tuesday in Duncan Hall, room 505.

The Pre-Medical Association and Pre-Dental

Association presents Donald Kamin of the DAT/MCAT Review Program in San Rafael at 5:30 p.m. Tuesday. Kamin will speak in Duncan Hall, room 351. For information, call (415) 651-9259.

Students for Economic Democracy (SED) will show the film, "The War at Home" at 8 p.m. Tuesday in Jonah's Wail, 300 S. 10th St. A donation will be requested after the movie.

ATTENTION: Spartaguide announcements will run on a space-available basis.

Energy saving practiced by stores

The move toward energy conservation and efficiency has even spread to the supermarkets.

Two local markets are among the first grocery stores to install energy-saving systems.

Quito Market in Saratoga is installing a vacuum system that recirculates air in the store

to keep refrigeration units and the rest of the store at a constant temperature.

A huge tube that surrounds the store sucks in cold air for refrigerators and also recirculates the hot air to heat the store.

"It's the newest technology available," said Quito manager Dick

Giomli.

The system is being installed in the market's new building now under construction.

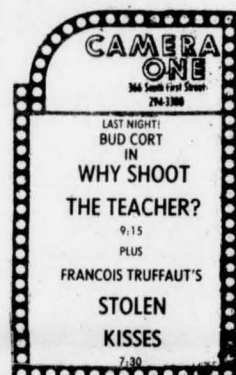
Brentwood Market in Mountain View has another type of energy saver. The store has enclosed its delicatessen and dairy cases with soft vinyl panels

called Accessshield.

The shields cover the cases from top to bottom like a drape. They have saved 50 percent of the energy usually expended in the refrigerated cases and have reduced food spoilage.

Brentwood is the first market in the area to use the vinyl shields, said store manager Jim Funk.

Public response to the new system has been good. "Almost all of our customers really like the idea," Funk said.



SJSU commuters ignore park and ride shuttle bus

by Mary Washburn

The Park and Ride free shuttle bus is not used by any SJSU students, according to city civil engineer Mark Powell, but he has a suggestion for how it could be used.

The shuttle is operated by the city of San Jose and runs in a continuous loop from a parking lot under Interstate 280 at Vine Street.

Cost of parking in the lot is 75 cents a day or \$12 a month.

This is probably the reason that students, who can park right on campus for 50 cents a day, don't use the shuttle.

Single mothers lack job skills

-continued from page 1

Single mother "ghettos" are becoming a fact of urban life, according to Schaffer.

Female heads of households are at an economic disadvantage because they are single parents and usually have not had a lot of experience in the job market.

This, as well as being actively discriminated against by landlords and property owners, forces the single mother into these "ghettos," Schaffer said.

She said the study will make formal social services more aware of the needs of single mothers as they perceive them and thus provide more accessible services to single mothers, especially the Spanish-speaking.

Schaffer said she hopes eventually to incorporate the findings of the study, to be completed in September 1981, into courses that will be offered to SJSU students majoring in social work.

However, Powell said, students could park on the streets along the route of the shuttle and "hop on board" the free shuttle bus at one of its stops.

There is plenty of parking around Julian, Sixth and Fourth streets, where the shuttle runs during its mid-day route, he said.

The shuttle expanded this week to include three separate routes throughout the day.

An early morning run takes the bus out to the Southern Pacific train depot. Later, the bus goes into the downtown and during the mid-day, it

takes an expanded loop into the downtown.

The shuttle leaves the parking lot for the Southern Pacific depot on Cahill Street between 6:30 and 7:45 in the morning and 7:45 in the evening.

The "peak hour" route leaves the parking lot at scheduled intervals from 7 to 8:53 in the morning and from 4 to 6:40 in the evening.

The shuttle runs up Almaden Avenue and jogs over to Santa Clara Street. Then it runs down Second Street and over West San Carlos to Vine Street and the parking lot.

The closest stop to SJSU during the peak-hour run is on Second Street, just south of San Fernando Street.

During the mid-day run, the bus leaves the parking lot from 9:10 a.m. to 3:30 p.m. in its 35-minute loop.

The mid-day run continues further north than the peak-hour run, taking First and Third streets up to Empire Street.

The shuttle then runs south to Santa Clara Street and east to 16th Street. It doubles back on San Fernando Street to meet the initial downtown route on Second Street.

During this run, the bus stops directly across from

SJSU on San Fernando Street near Seventh Street.

Specially-painted brown and tan buses are used during the Southern Pacific and peak-hour runs.

Later in the day, the city switches to white County Transit buses with handicapped lifts and a "17 shuttle" sign on the front.

There are specially-marked blue bus stops for the park and ride buses.

Dancers perform

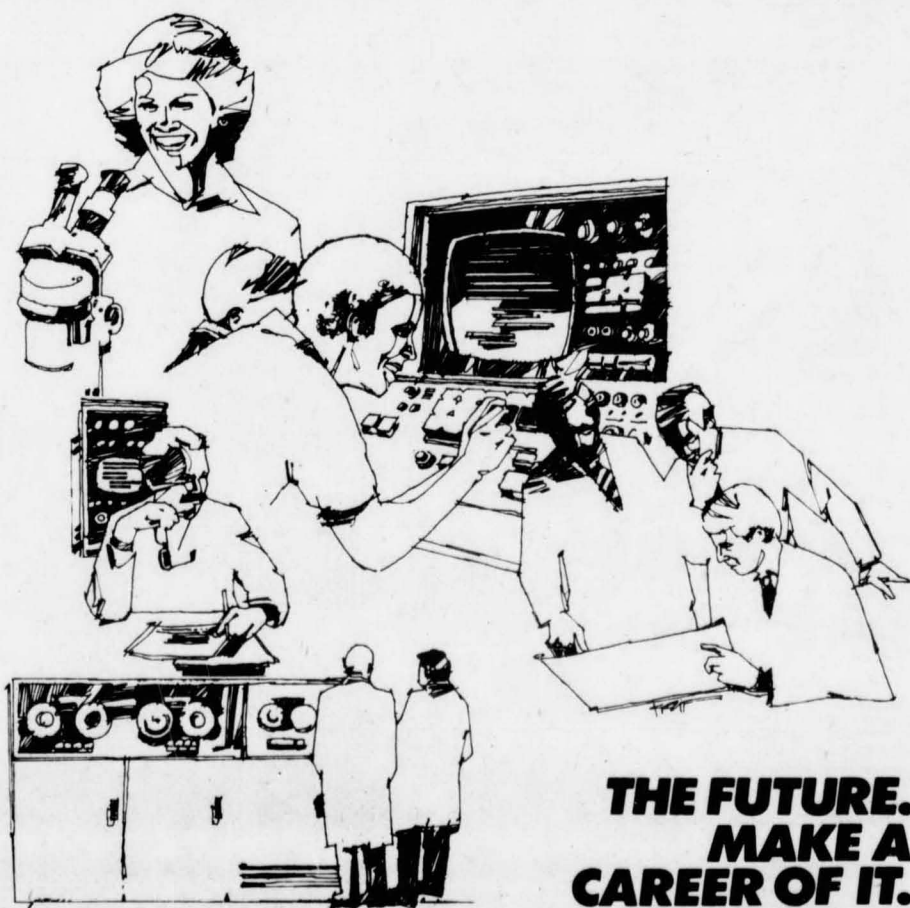
Dancing to modern, electronic strains of music, dancers will perform "not pretty" dances in the Student Union Art Gallery Tuesday at noon.

The first in a possible series hosted by the Associated Students Programs board, the performance consists of three dances and is free said Katrena Edman, dance chairwomen on the board.

If successful, the board will schedule future performances, Edman said.

"Successful to me would be if I got a reaction from people," she added. Seating will not be provided for the informal performance.

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